

# Notice of Allowability

Application No.

10/696,015

Examiner

Quang N. Nguyen

Applicant(s)

JAMES, ZACKARY ANTONE

Art Unit

2141

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed on 12/27/2007.
2. ☒ The allowed claim(s) is/are 1,2,5-18 and 21-30.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\*\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

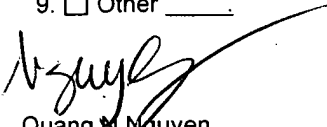
\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date (see attachment)
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Quang N. Nguyen  
Primary Examiner - Art Unit: 2141

***Interview Summary***

1. A proposed amendment was submitted for applicant's consideration. Examiner suggested the Applicant to amend claims as shown in the Examiner's Amendment below in order to place the application in condition for allowance.

***Examiner's Amendment***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. Authorization for this Examiner's Amendment was given in a telephone interview with the Applicant's Representative, Mr. Gerald H. Glanzman (Reg. No. 25,035), on February 15<sup>th</sup>, 2008.

4. Please amend claims 1, 18, 30 and cancel claims 3, 4, 19 and 20 as below:

**Claim 1. (Currently amended)** A network data processing system, comprising:  
a first processing unit, said first processing unit including a plurality of processing subunits, each processing subunit of said plurality of processing subunits associated

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with a particular priority level of service of a plurality of priority levels of service, wherein said first processing unit is a proxy server; and

a plurality of second processing units, each processing subunit of said plurality of processing subunits coupled to a corresponding second processing unit of said plurality of second processing units and operable to:

responsive to the proxy server receiving a service request, convey said service request to said corresponding second processing unit in accordance with said associated priority level of service;

wherein each processing subunit of said plurality of processing subunits is configured to receive service requests from the proxy server and is configured to send the received service requests to the corresponding second processing unit of said plurality of second processing units, and

wherein said processing subunit associated with a higher priority level of service comprises a faster response time than said processing subunit associated with a lower priority level of service.

**Claim 3. (Cancelled)**

**Claim 4. (Cancelled)**

**Claim 18. (Currently amended)** A method for processing a service request in a network data processing system, the method comprising the steps of:

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receiving a service request at a first processing unit, said first processing unit including a plurality of processing subunits, each processing subunit of said plurality of processing subunits associated with each particular priority level of service of a plurality of priority levels of service, wherein said first processing unit is a proxy server;

associating a particular priority level of service with said service request;

conveying said service request to a corresponding second processing unit of a plurality of second processing units in accordance with said particular priority level of service; and

processing said service request at the corresponding second processing unit in accordance with said particular priority level of service;

wherein each processing subunit of said plurality of processing subunits is configured to receive service requests from the proxy server and is configured to send the received service requests to the corresponding second processing unit of said plurality of second processing units, and

wherein said processing subunit associated with a higher priority level of service comprises a faster response time than said processing subunit associated with a lower priority level of service.

**Claim 19. (Cancelled)**

**Claim 20. (Cancelled)**

**Claim 30. (Currently amended)** A computer program product embedded on a computer-readable storage medium having computer usable program code, executable for processing a service request in a network data processing system, the computer program product comprising:

first instructions for receiving a service request at a first processing unit, said first processing unit including a plurality of processing subunits, each processing subunit of said plurality of processing subunits associated with each particular priority level of service of a plurality of priority levels of service, wherein said first processing unit is a proxy server;

second instructions for associating a particular priority level of service with said service request;

third instructions for conveying said service request to a corresponding second processing unit of a plurality of second processing units in accordance with said particular priority level of service; and

fourth instructions for processing said service request at the corresponding second processing unit in accordance with said particular priority level of service;

wherein each processing subunit of said plurality of processing subunits is configured to receive service requests from the proxy server and is configured to send the received service requests to the corresponding second processing unit of said plurality of second processing units, and

wherein said processing subunit associated with a higher priority level of service comprises a faster response time than said processing subunit associated with a lower priority level of service.

5. Pursuant to MPEP 606.01, the title has been changed to read:

-- METHOD AND SYSTEM FOR PROCESSING A SERVICE REQUEST ASSOCIATED WITH A PARTICULAR PRIORITY LEVEL OF SERVICE IN A NETWORK DATA PROCESSING SYSTEM USING PARALLEL PROXIES --

6. Claims 1, 2, 5-18 and 21-30 are allowed.

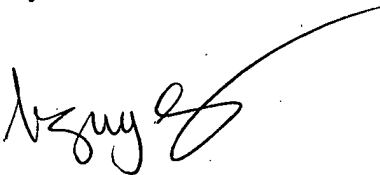
7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should clearly labeled "Comments on Examiner's Amendment".

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8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Nguyen whose telephone number is (571) 272-3886.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's SPE, Rupal Dharia, can be reached at (571) 272-3880. The fax phone number for the organization is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Quang N. Nguyen  
Primary Examiner – AU 2141  
February 18<sup>th</sup>, 2008